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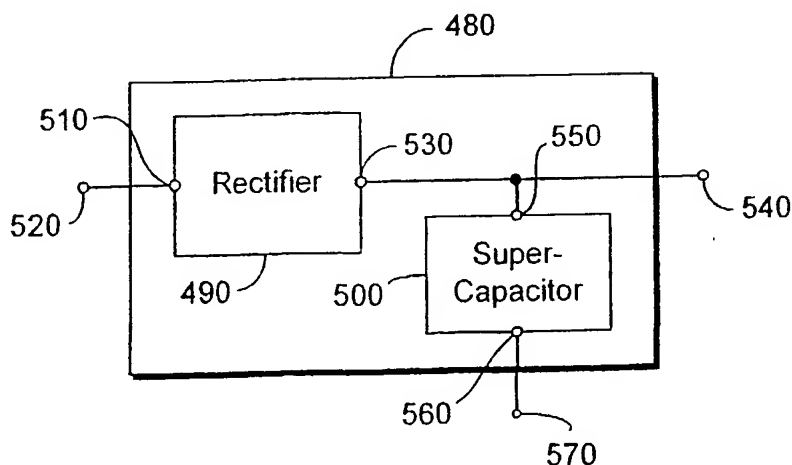
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(54) Title: RECTIFIER-SUPER CAPACITOR DEVICE FOR USE IN A POWER SYSTEM FOR A TELECOMMUNICATION FACILITY



(57) Abstract: The present invention is a device (480) that includes a rectifier (490) and a super capacitor (500) packaged together in a single housing. The device has a first connection point (520) that is coupled to the rectifier input. The output of the rectifier is coupled to a first side of the capacitor and to a second connection point (540) of the device. The second side of the capacitor is coupled to ground through a third connection point (570). The device is operable to receive AC power and provide DC power. Moreover, through the operation of the super capacitor, the device will provide DC power

for a time after AC power has been removed.

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

| Category ° | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
|------------|---|-----------------------|
| A | <p>KUWATA Y ET AL: "MULTIFUEL FUEL-CELL ENERGY SYSTEM FOR TELECOMMUNICATIONS COGENERATION SYSTEM" IEICE TRANSACTIONS ON COMMUNICATIONS, INSTITUTE OF ELECTRONICS INFORMATION AND COMM. ENG. TOKYO, JP, vol. E81-B, no. 11, 1 November 1998 (1998-11-01), pages 2176-2182, XP000790246 ISSN: 0916-8516 figure 2</p> <p>-----</p> | 5,16 |

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